



S/N 09/111,978

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leonard H. Bieman

Examiner: Hoa Q. Pham

Serial No.: 09/111,978

Group Art Unit: 2877

Filed: July 8, 1998

Docket: 139.045USR

Title: SCANNING PHASE MEASURING METHOD AND SYSTEM FOR AN
OBJECT AT A VISION STATION

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AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Applicant has reviewed the Office Action mailed April 28, 2000. Please amend the above-identified application as follows.

This response is accompanied by a Petition, as well as the appropriate fee, to obtain a three-month extension of the period for responding to the Office Action, thereby moving the deadline for response from 7/28/00 to 10/28/00.

THE REISSUE OATH/DECLARATION

A substitute reissue declaration as attached hereto.

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IN THE CLAIMS

Please amend claims 1, 14, 30, 33, 42, 45, 56, 60, 63, 72 and 75 as follows (all claims are reprinted here):

1. [Amended Once] A method for high speed, scanning phase measuring of an object at a vision station to develop physical information associated with the object, the method comprising the steps of:

- projecting a pattern of imagable electromagnetic radiation with at least one projector;
- moving the object relative to the at least one projector at a substantially constant velocity at the vision station so as to scan the projected pattern of electromagnetic radiation across a surface of the object to generate an imagable electromagnetic radiation signal;
- receiving the imagable electromagnetic radiation signal from the surface of the object with a detector having a plurality of separate detector elements which are substantially uniformly

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